Reference card SIO2USB shell commands

The shell translates input as follows: from ";" to ":" and from "/" to "\" as well as conversion from lower case letters to upper case letters. Valid characters for input are {a…z} {A…Z} {0…9} ; : . / \ _ - ^ * ? and " " (blank)

. means that the use of the wildcards "?" and "*" is possible. "?" means exactly one char and "*" none, one or any number of chars. When using DIR or CAT without filespec, "*.*" is used. While using wildcards it is not possible to specify a path!

While using the shell, do not press any buttons on the SIO2USB-device! While the yellow LED are flashing or are illuminated, do not remove the USB memory stick or the SIO cable - loss of data and files is possible!

\file	filespec (with or without path information)
file	filespec (no path possible)
x	disk station number { 1 I 2 I 3 } or disk identifier { D1: I D2: I D3: }
dir	path/directory

Commands

MOU	shows mount status
UNM x	unmount disk # x ("remove disk" and "switch disk station off")
MOU \file x	mount disk # x and enable ("switch disk station on" and "insert disk")
ENA x	enable (activate="switch disk station on") disk
DIS x	disable (deactivate="switch disk station off") disk
SWA x x	swap diskettes between disk stations
CD dir	change directory
CD ..	change to parent directory
CD \	change to root directory
CD \INT	change to directory "\INT" on internal memory
DIR *.*	shows directory on the USB device or the internal memory (\INT)
DIR Dx:*.*	shows directory of disk station # x x = { 1 I 2 I 3 }
CAT *.*	shows directory with hidden, system and volume information on the USB device or internal memory
MKD dir	make directory
RMD dir	delete directory (only if empty!)
MAK \file dens	make disk image with density dens = { SD I MD I DD I XX }. "\file" has to have the extender .ATR XX=user defined image size: number of sectors and number of bytes/sector choosable
COP file \file	copies a file
REN file file	rename a file (only in the same directory) or rename directory
DEL \file	delete a file
DEL *.*	delete many files (only in the same directory)
LOC \file	lock a file (write protect)
LOC *.*	lock many files
UNL \file	unlock a file
UNL *.*	unlock many files
STA	show status of the SIO2USB device and of the USB device and internal memory
TIM	shows time and date
TIM hh:mm:ss dd.mm.yy	set time and date
QUI DOS EXI	quits the shell
COL BYE	coldstart after query
HEL	shows overview of all commands

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Error Codes

Code (hex)	Description
$00	No Error
$01 to $1F	Transmission error
$20	FAT-structure error on internal memory
$21	FAT-structure error on USB memory
$20	FAT-structure error on internal memory
$21	FAT-structure error on USB memory
$22	Internal memory is not configured
$23	USB device is not configured
$24	FAT sector at internal memory is not readable or writable
$25	FAT sector at USB device is not readable or writeable
$26	FAT file or directory is Read Only
$27	Requested ATARI sector is not inside the image
$28	Illegal Data frame length
$29	Received PERCOM density does not match to the image length
$2A	Directory entry number is out of range
$2B	USB device can’t be enumerated
$2C	Media capacity can’t be read
$2D	Unexpected command length byte
$2E	Unexpected command content
$32	USB device is not mounted
$33	Internal memory is not mounted
$34	FAT Filename or directory name has zero length or is longer than 12 characters or name is longer than 8 character or extender is longer than 3 characters
$35	No such directory or filename found
$36	Unexpected structure at mount, enable, disable command
$37	Filename / directory already exists or double mount error
$38	Not enough free memory available
$39	No free root entry found or filename extension shall be ATR or invalid ATR file
$3A	Can’t erase a folder which is not empty
$3B	Directory copy is not supported or copy of system files, hidden files, volume descriptor not supported
$3C	Illegal characters found